

VERSION DESCRIPTION DOCUMENT FOR THE NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS)

Release 6.0

NASA-NEMS-VDD-13

PrISMS Contract

June 23, 2003



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

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NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS)
RELEASE 6.0**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

June 23, 2003

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1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Equipment Management System (NEMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NEMS, Release 6.0 and has an effective release date of June 23, 2003.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

<u>CCR</u>	<u>Title</u>
330	Centralize NEMS application
340	Change Control Threshold to \$5000
341	Restrict Txn 46 Inventory by Exception

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>	<u>Title</u>
None	

1.3 SCOPE

This VDD provides the functional and technical user of NEMS with information regarding the content, status, and structure of Release 6.0, including the following:

- Changes implemented since Release 5.1.2;
- Validation procedures to ensure the reliability of release changes;
- References to other documentation affected by this release;
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NEMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NEMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

2. FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT changes related to this release.

2.2 FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

The following documents were changed for this release:

NEMS Web Front End User Guide

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

This section is not applicable with this release.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.0, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Section 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NEMS Software Release 6.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4. KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A - ABBREVIATIONS AND ACRONYMS

CC	Consolidation Center
CCR	Change Control Request
CSC	Computer Sciences Corporation
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

APPENDIX C - FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release:

Section	CCR	Title
1.0	330	Centralize NEMS application
2.0	340	Change Control Threshold to \$5000
3.0	341	Restrict Txn 46 Inventory by Exception

Details for the validation procedures follow:

1.0 CCR 330 – Centralize NEMS Application

The NEMS system currently exists in a distributed environment at All Centers. There is duplication of software and storage requirements. Duplication of personnel resource requirements exists. The NEMS Central database exists only because of the distributed process.

Description of Change

The software and data for the NEMS system will be transitioned from a distributed environment to a centralized environment where each center will be able to maintain their own data. The NEMS Central database will be eliminated. However, NEMS Central functions will remain using the consolidated data files.

Functional Impact

The NEMS transfer process will change as a result of this CCR. Transfers will no longer be processed through the NEMS Central database.

Validation Procedures

NEMS

- Perform the following add transactions: 01, 02, 04, 05, 06, 10, 11, 12, 13, 14, 16, 17, 18, and 21
Expected Results: The ECNs will be added.
- Perform an add transaction on an ECN from another center.
Expected Results: The add transaction should not be allowed.
- Perform the following change transactions: 25, 26, 29, 31, 38, 39, 40, 41, 42, 43, 46, 52, 60, 62, and 63.
Expected Results: The information on the ECNs will be changed.
- Perform a change transaction on an ECN from another center.
Expected Results: The change transaction should not be allowed
- Perform the following delete transactions: 65, 80, and 81.
Expected Results: The ECNs will be deleted from the Equipment file.
- Perform a delete transaction on an ECN from another center.
Expected Results: The delete transaction should not be allowed.
- Perform the Daily Transaction, Equipment, History, and Monthly Transaction files Adhoc by ECN and field.
Expected Results: The information for the ECN should be displayed correctly.
- Perform the Yearly Transaction file Adhoc by ECN.
Expected Results: The information for the ECN should be displayed correctly
- Perform the Yearly Transaction file Adhoc by field.
Expected Results: The information for the ECN should be displayed correctly
- Perform the Transfer file Adhoc by ECN.
Expected Results: The information for the ECN should be displayed correctly
- Perform the Transfer file Adhoc by Receiving Installation.
Expected Results: Transfer file ECN information for ECNs for the Receiving Installation will be displayed.
- Perform the Transfer file Adhoc by Sending Installation.

Expected Results: Transfer file ECN information for ECNs for the Sending Installation will be displayed.

- The following reports were modified and selected reports should be scheduled and run: 10, 11, 12, 13, 15, 20, 30, 50, 60, 110, 120, 130, 131, 132, 133, 134, 136, 137, 138, 139, 140, 141, 142, 143, 150, 166, 170, 171, 174, 180, 190, 194, 195, 196, 197, 200, 201, 202, 240, 245, 246, 350, 360, 401, 402, 420, 422, 430, 432, 500, 501, 520, 521, 602, 750, 751, 752, 753, 754, 755, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 780, 810, 830, 831, 900, 910, 920, 930, 955, and 998.
Expected Results: Reports will run without errors.

Inventory

- Perform the following add transactions: 04, 06, 10, 11, 12, 13, 14, 18, and 21
Expected Results: The ECNs will be added.
- Perform the following change transactions: 26, 29, 31, 32, 33, 34, 38, 39, 40, 41, 42, 43, 44, 45, 52, and 57.
Expected Results: The information on the ECNs will be changed.
- Perform the following delete transactions: 65, 80, and 81.
Expected Results: The ECNs will be deleted from the Equipment file.

PCM

- Perform the following change transactions: 26, 29, 30, 31, 38, 39, 40, 41, 42, 43, 44, 45, 50, 51, 52, 56, 57, 60, and 64.
Expected Results: The information on the ECNs will be changed.
- Perform the following delete transactions: 65, 66, 67, 69, 71, 72, and 73
Expected Results: The ECNs will be deleted from the Equipment file.

NEMS Central

- Perform the Equipment File by ECN adhoc using an ECN for your center.
Expected Results: The information for the ECN should be displayed.
- Perform the Equipment File by ECN adhoc using an ECN from a different center.
Expected Results: The information for the ECN should be displayed.
- Perform the Equipment File by field adhoc.
Expected Results: Selected information for ECNs (for all centers) should be displayed (maximum of 200).
- Perform the History File by ECN adhoc using an ECN for your center.
Expected Results: The information for the ECN should be displayed.
- Perform the Equipment File by ECN adhoc using an ECN from a different center.
Expected Results: The information for the ECN should be displayed.
- Perform the Equipment File by field adhoc.

Expected Results: Selected information for ECNs (for all centers) should be displayed (maximum of 200).

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
ACOMMON	Startup Module	Program
ADDUSINV	Inventory User ID	Program
ADDUSNEM	NEMS User ID	Program
ADDUSPCM	PCM User ID	Program
ADH000P1	Adhoc Menu	Program
ADH004P1	Adhoc Selection Menu – Transfers (for centers)	Program
ADH005P1	Adhoc Selection Menu – Transfers (for centers)	Program
ADH078P1	Custodian Account Table Adhoc list	Program
ADH090P1	User Number Table Adhoc list	Program
ADH900P1	NEMS Daily Transaction File Adhoc by ECN	Program
ADH910P2	Daily Transaction Dynamic Adhoc	Program
ADH910P4	Daily Transaction Dynamic Adhoc	Program
ADH920P1	Equipment File Adhoc by ECN	Program
ADH930P2	Equipment File Adhoc by Field	Program
ADH930P4	Equipment File Adhoc by Field	Program
ADH940P1	NEMS History File Adhoc ECN Selection	Program
ADH950P2	History File Adhoc by Field	Program
ADH950P4	History File Adhoc by Field	Program
ADH960P1	NEMS Monthly Transaction File Adhoc by ECN	Program
ADH961P1	NEMS Yearly Transaction File Adhoc by ECN	Program
ADH970P2	NEMS Monthly Transaction File by Field	Program
ADH970P4	Monthly Transaction Adhoc by Field	Program
ADH971P1	Yearly Transaction Adhoc by Field	Program
ADH971P2	Yearly Transaction Adhoc by Field	Program
ADH971P3	Yearly Transaction Adhoc by Field	Program
ADH971P4	Yearly Transaction Adhoc by Field	Program
ADH980P1	NEMS Transfer File Adhoc by ECN	Program
ADH990P1	Dynamic Adhoc	Program
ADH990P2	Dynamic Adhoc	Program
ADH991P1	Dynamic Adhoc	Program
ADH991P2	Dynamic Adhoc	Program
ADH992P1	Dynamic Adhoc Record Count	Program
ADH992P2	Dynamic Adhoc Record Count	Program
ADH992P3	Dynamic Adhoc Record Count	Program
ADH992P4	Dynamic Adhoc Record Count	Program
ADH993P1	Dynamic Adhoc	Program
ADH993P2	Dynamic Adhoc	Program
ADH994P1	Dynamic Adhoc	Program
ADH994P2	Dynamic Adhoc	Program
ADH995P1	Dynamic Adhoc	Program

ADH995P2	Dynamic Adhoc	Program
ADH999P1	Dynamic Adhoc to Batch Report Record Create	Program
ADHOCENT	NEMS Adhoc start program (for centers)	Program
ADHS03P1	User ID Table Adhoc list	Program
ADHS04P1	Sequence Number Table Adhoc list	Program
ADHS05P1	Report Number Table Adhoc list (Inventory)	Program
ADHS09P1	Report Number Table Adhoc list	Program
ADHS10P1	Inventory User ID Table Adhoc list	Program
ADHS11P1	Inventory User ID Table Adhoc list	Program
ADHTBLP1	Adhoc Table Menu	Program
GLBINSNO	Update NEMS-GLOBL-TRANS Installation Number	Program
HSTSEQN1	Correct History Sequence Numbers	Subprogram
HSTSEQP1	Correct History Sequence Numbers	Program
INVBBIP1	Bar Code Data Against Equipment File	Program
INVBBIP2	Bar Code Data Against Equipment File (Part 2)	Program
INVBBIP3	Bar Code Data Against Equipment File	Program
INVBBIP4	Location Bar Code Data Against Equipment File	Program
INVBBIP5	Bar Code Data Against Equipment File (Part 2)	Program
INVBBIP6	Bar Code Data Against Equipment File	Program
INVBBIS1	Bar Code Data Against Equipment File	Subprogram
INVBBIS4	Bar Code Data Against Equipment File	Subprogram
INVBCLP1	Close Inventory	Program
INVBIEP1	Close Inventory Account	Program
INVBIEP2	Close Inventory Account	Program
INVIEXNA	Inventory Underage Clearing	Subprogram
JCLCNTL	Update the NEMS-CONTROL with Installation or Sub-Installation	Program
JCLGENP2	JCL Generator - Reports	Program
JCLGENP3	JCL Generator – Maintenance	Program
JCLUPDP1	Control File Update	Program
JCLUPLD	Load JCL to the NEMS-CONTROL file	Program
JP001	Aircraft in the NEMS CDB	Program
JP001JOC	Aircraft in the NEMS CDB	Program
JP002	Aircraft in the NEMS CDB	Program
MNTCHGP1	Maintenance Cycle Update	Program
MNTIUIP1	Inventory User ID Table Update	Program
MNTJCLP1	Control File Update	Program
MNTLSTP1	List On-Line Regularly Scheduled Maintenance	Program
MNTSELP1	On-Request Maintenance Selection Menu Program	Program
MNTSUBP1	Alter Scheduled Maintenance	Program
MNTTBLP1	Maintenance Table Update	Program
MNTUIDP1	User ID Table Update	Program
MNU000P1	Control Switch Analyzer Program	Program
MSA003P1	Copy NEMS-YEARLY-TRANS to NEMS-CUMM-TRANS and Purge	Program
MSD002P1	Entry Reference and Freeze Number Reset	Program

MSM001P2	Monthly Summary of Status Code Changes Update	Program
MSM008P1	Delete Old Records from Transfer File	Program
NAV100P1	NEMS Navigational and Edit Program	Program
NEADOSLA	LDA	LDA
NEADOSP1	Processing ADOSS Reports	Program
NEADOSP2	Processing ADOSS Reports	Program
NEJCLUNL	NEMS Control File – JCL Flat File Build	Program
NELOGON1	Check Logon User ID and Password for Web Input	Subprogram
NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
NEMS	NEMS Start Program	Program
NEMSCENT	NEMS Central Driver	Program
NEMSCINQ	NEMS Central Driver	Program
NERRORMA	NEMS On Error	Map
NERRORPA	NEMS On Error Program	Program
NEUTRN46	Mass Action Decontrol by Cap-Sens Code	Program
NEUTRN72	Mass Action Decontrol	Program
NEWDISN1	Disapproval Assignment to Your User ID	Subprogram
NEWLCUN1	List All Custodian IDs	Subprogram
NEWLCUN2	List All Custodian IDs	Subprogram
NEWLEAN1	List Equipment Awaiting Approval	Subprogram
NEWLEUN1	List Equipment Assigned to User / Custodian Account	Subprogram
NEWLOAN1	List Equipment Waiting Approval by Others	Subprogram
NEWLUSN1	List All User IDs	Subprogram
NEWLUSN2	List All User Names	Subprogram
NEWXFRN1	Change to a New User (Web User Number Change)	Subprogram
NEXUSRNA	Look up INST-NMBR from User ID	Subprogram
PCMINSAC	Populate Installation Account on NEMS-PCM-PENDING	Program
PRM810P1	DD 1342 Selection Menu	Program
PRM830P1	NEMS-1 Selection Menu	Program
PRM831P1	NEMS-1 Selection Menu	Program
PRM910P1	Custodian Table Report	Program
PRM920P1	User Table Report	Program
REPINSNO	Populate Installation Number on NEMS-REPORTS	Program
RPT010P1	Daily Transaction Register (by Trans No)	Program
RPT011P1	Daily Transaction Register (by Trans No Exploded)	Program
RPT012P1	Daily Transaction Register (by ECN)	Program
RPT013P1	Daily Transaction Register (by Entry Ref No)	Program
RPT015P1	Daily Item Name Validation Report	Program
RPT020P1	Custodian Monthly Transaction Report	Program
RPT030P1	Monthly Transaction Statistical Summary	Program
RPT050P1	Error Messages and Code	Program
RPT060P1	Global Change Invalid Transaction Register	Program
RPT110P1	Manufacturer's Code XXXXX Suspense Report	Program

RPT120P1	Property Location Report	Program
RPT130P1	Loaned (In) Equipment Expiration Report	Program
RPT131P1	Loaned (Out) Equipment Expiration Report	Program
RPT132P1	Leased (In) Equipment Return Candidate List	Program
RPT133P1	Leased (Out) Equipment Return Candidate List	Program
RPT134P1	Borrowed Equipment Return Candidate List	Program
RPT134P2	Borrowed Equipment Return Candidate List	Program
RPT135P1	DD for 1342 Return Candidate List (for GFE)	Program
RPT136P1	Leased Equipment Subject to Capitalization	Program
RPT137P1	Off-Site for Repair Report	Program
RPT138P1	Storage (In) Equipment Expiration Report	Program
RPT139P1	Borrowed (In) Equipment Expiration Report	Program
RPT140P1	Custodian Account Property Report	Program
RPT141P1	Custodian Account Property Report	Program
RPT142P1	Custodian Account Capitalization Value Amount/Cost	Program
RPT143P1	Custodian Account Heritage Asset Report	Program
RPT150P1	Monthly Custodian Account Property	Program
RPT166P1	Items in Status Code 'C' for 120 Days or More	Program
RPT170P1	Items Found on Station	Program
RPT171P1	Items Surveyed	Program
RPT174P1	Retagged Items List	Program
RPT180P1	Global Change Report	Program
RPT190P1	20% Sensitive Item Inventory Report	Program
RPT194P1	Idle Equipment Report	Program
RPT195P1	Idle Equipment Report	Program
RPT196P1	Idle Equipment Report	Program
RPT197P1	Idle Equipment Report by ECN	Program
RPT200P1	Capital Equipment Type Account Report	Program
RPT201P1	Capital Equipment Type Account Report	Program
RPT202P1	Capital Equipment Type Account Report	Program
RPT240P1	Pending Transaction Report	Program
RPT245P1	Awaiting Custodian Approval Report	Program
RPT246P1	Awaiting Manager's Approval Report	Program
RPT350P1	Borrow Out Greater than One Year Report	Program
RPT360P1	Items Frozen Longer than 30 Days	Program
RPT401P1	NEMS Reconciliation Summary	Program
RPT402P1	Financial Reconciliation Summary	Program
RPT420P1	1324 – Controlled Equipment Report – NEMS	Program
RPT422P1	1324 – Controlled Equipment Report (Summary)	Program
RPT422P2	1324 – Controlled Equipment Report Detail – NEMS	Program
RPT422P3	1324 – Controlled Equipment Report – NEMS (Detail)	Program
RPT430P1	1324 – Controlled Equipment Report	Program
RPT432P1	1324 – Controlled Equipment Report (Summary)	Program
RPT432P2	1324 – Controlled Equipment Report	Program

RPT432P3	1324 – Controlled Equipment Report (Detail)	Program
RPT500P1	ECN Detail Item Report	Program
RPT501P1	ECN Detail Item Report	Program
RPT520P1	ECN Distribution Report	Program
RPT521P1	ECN Validation Report	Program
RPT540P1	Equipment File Duplicate ECN	Program
RPT602P1	Organization Property Summary Report	Program
RPT750P1	Summary of Items to be Inventoried	Program
RPT750P2	Summary Report of Items to be Inventoried	Program
RPT751P1	Summary Report of Items to be Inventoried	Program
RPT751P2	Summary Report of Items to be Inventoried	Program
RPT752P1	Yearly Inventory Transaction Statistical Summary	Program
RPT753P1	Custodian Inventory Statistical Summary	Program
RPT753P2	Grid Location Statistical Report	Program
RPT754P1	Items Held for Centerwide Account	Program
RPT755P1	Items Held for Sub Accounts	Program
RPT760P1	Custodian Account Missing Items Report	Program
RPT760P2	Location Missing Items Report	Program
RPT761P1	Custodian Account Overage Items Report	Program
RPT761P2	Grid Location Overage Items Report	Program
RPT762P1	Inventory Location Change Report	Program
RPT762P2	Inventory Location Change Report	Program
RPT763P1	Inventory Matched Items Report	Program
RPT763P2	Inventory Matched Items Report	Program
RPT764P1	Bar Code File Display by Custodian	Program
RPT764P2	Bar Code File Display by Grid Location	Program
RPT765P1	Bar Code File Display by ECN	Program
RPT765P2	Bar Code File Display by ECN	Program
RPT766P1	Post Inventory Custodian Account Property Report	Program
RPT766P2	Post Inventory Location Property Report	Program
RPT767P1	Inventory History Report	Program
RPT767P2	Inventory History Report	Program
RPT768P1	Inventory Daily Transaction Register	Program
RPT769P1	Inventory Location Not Changed Report	Program
RPT769P2	Inventory Location Not Changed Report	Program
RPT770P1	Triennial Inventory Close Report	Program
RPT771P1	Custodian Account Records Not Inventoried Report	Program
RPT771P2	Custodian Account Records Not Inventoried Report	Program
RPT772P1	Items In Out Status on a Cyclic Inventory	Program
RPT773P1	Inventory Local Data Report	Program
RPT780P1	Loaned Out Equipment Verification List	Program
RPT830P1	NEMS-1 Print Program	Program
RPT831P1	NEMS-1 Print Program	Program
RPT900P1	Items Held in Storage List	Program
RPT910P1	Custodian Table Report	Program
RPT910P2	Custodian Table Report	Program

RPT920P1	User Table Report	Program
RPT920P2	User Table Report (Sorted by User Name)	Program
RPT930P1	Building Number Table Report	Program
RPT930P2	Building Number Table Report	Program
RPT955P1	Dynamic Adhoc Batch Report	Program
RPT998P1	ERN Report for PCM Module	Program
RPTCHGNA	Report Cycle Update List	Subprogram
RPTCHGP1	Report Cycle Update	Program
RPTSELP1	On-Request Report Selection Menu Program	Program
RPTSELP2	Report Distribution Menu Program	Program
RPTSTDP1	Standard Report Distribution Update	Program
RPTSUBP1	Alter Scheduled Reports	Program
TBL252P1	NASA Installation Number Table Update	Program
TBLGEN	Update NEMS-TABLE with Installation Number	Program
TBLGENP1	Update NEMS-TABLE	Program
TBLLOD	Load ND-TABLE file	Program
TBLS05P1	Report Number Table Update	Program
TBLS09P1	Inventory Report Number Table Update	Program
TBLS10P1	Inventory Transaction Number Table Update	Program
TBLS13P1	Report Number Table Update	Program
TRN000P1	Equipment Menu (Transaction) Update Menu	Program
TRN004P1	Add Transaction 04 (Receipt by Transfer – From NASA Installation)	Program
TRN006P1	Add Transaction 06 (Receipt by Transfer – From Contractor)	Program
TRN014P2	Add Transaction 14 Processing Program	Program
TRN015P1	Add Transaction 15 (Receipt from Return of Record from Historical file)	Program
TRN021P2	Add Transaction 21 Processing Program	Program
TRN025P1	Change Transaction 25 (Cost Change)	Program
TRN026P1	Change Transaction 26 (Custodian Account Change)	Program
TRN029P1	Change Transaction 29 (Equipment Location Change)	Program
TRN031P1	Change Transaction 31 (User Number Change)	Program
TRN038P1	Change Transaction 38 (Borrowed Out)	Program
TRN039P1	Change Transaction 39 (Borrowed Out – Returned)	Program
TRN040P1	Change Transaction 40 (Loan/Lease Out)	Program
TRN041P1	Change Transaction 41 (Loan/Lease Out – Returned)	Program
TRN042P1	Change Transaction 42 (Loan Pool Out)	Program
TRN043P1	Change Transaction 43 (Loan Pool Out – Returned)	Program
TRN046P1	Change Transaction 46 (Cap/Sens Code and NSN Change)	Program
TRN052P1	Change Transaction 52 (Excess Equipment Turn-In by Custodian)	Program

TRN060P2	Change Transaction 60 (NASA Held Equipment Record Data Change)	Program
TRN062P1	Global Change	Program
TRN062P6	Transaction 62 Display and Confirmation	Program
TRN062PD	Transaction 62 Batch Edit Update Program	Program
TRN062PF	Transaction 62 Batch End of Update Program	Program
TRN062PG	Transaction 62 Global Delete Process	Program
TRN063P1	Transaction 63 Reverse Add	Program
TRN065P1	Delete Transaction 65 (Transfer to another NASA Installation)	Program
TRNADDP1	Add Transaction Processor	Program
TRNDELP1	Delete Transaction Processor	Program
TRNIEXNA	Inventory by Exception	Subprogram
TRNW26N1	Change Transaction 26 (Web Custodian Account Change)	Subprogram
TRNW29N1	Change Transaction 29 (Web Equipment Location Change)	Subprogram
TRNW31N1	Change Transaction 31 (Web User Number Change)	Subprogram
TRNXFRN1	ECN of Transfer ISN of History Record	Subprogram
UPTBL200	Update Table 200 – ADOSS	Program
WEBPDINS	Update Web Pending Installation Account	Program
<u>Inventory</u>		
ACOMMON	Startup Module	Program
INV000P0	Control Switch Analyzer Program	Program
INVCMDP1	Inventory Direct Command Program	Program
INVISDP1	Standard Report Distribution Update	Program
INVOPNP1	Inventory Open/Close	Program
INVPBCP1	Inventory Upload/Delete	Program
INVPBCP8	Inventory Upload	Program
INVPBCP9	Inventory Upload	Program
INVRSLP2	Report Distribution Menu Program	Program
INVSELP1	Inventory Selection Menu	Program
INVSELP2	Inventory Select Menu	Program
INVSUBP1	Alter Scheduled Reports	Program
INVTRNP2	Add Transaction Menu	Program
NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
NEMSINV	Inventory Start Up Program	Program
NERRORMA	On Error	Map
NERRORPA	On Error	Program
NEXUSRNA	Look up Inst-No from User ID	Subprogram
TRNI04P1	Add Transaction I04 (Receipt by Transfer – From NASA Installation)	Program
TRNI06P1	Add Transaction I06 (Receipt by Transfer – From	Program

	Contractor)	
TRNI10P1	Add Transaction I10 (Receipt from Fabrication)	Program
TRNI11P1	Add Transaction I11 (Receipt form Assembly/Disassembly)	Program
TRNI12P1	Add Transaction I12 (Receipt from Found on Station)	Program
TRNI13P1	Add Transaction I13 (Receipt from Excess)	Program
TRNI14P3	Transaction I14 Processing Program	Program
TRNI18P1	Add Transaction I18 (Receipt from not Previously Meeting Criteria for Retagging)	Program
TRNI21P1	Add Transaction I21 (Receipt – Lease to Purchase)	Program
TRNI26P1	Change Transaction I26 (Custodian Account Change)	Program
TRNI29P1	Change Transaction I29 (Equipment Location Change)	Program
TRNI32P1	Update Inventory No Change to Equipment File I32	Program
TRNI33P1	Contractor – Transfer Requested I33	Program
TRNI34P1	Update Inventory No change to Equipment File I34	Program
TRNI38P1	Change Transaction I38 (Borrowed Out)	Program
TRNI39P1	Change Transaction I39 (Borrowed Out – Returned)	Program
TRNI40P1	Change Transaction I40 (Loan/Lease Out)	Program
TRNI41P1	Change Transaction I41 (Loan/Lease Out – Returned)	Program
TRNI42P1	Change Transaction I42 (Loan Pool Out)	Program
TRNI43P1	Change Transaction I43 (Loan Pool Out – Returned)	Program
TRNI44P1	Change Transaction I44 (Storage In)	Program
TRNI45P1	Change Transaction I45 (Storage In – Returned)	Program
TRNI52P1	Change Transaction I52 (Excess Equipment Turn-IN by Custodian)	Program
TRNI57P1	Change Transaction I57 (Off-Site for Repair)	Program
TRNI65P1	Delete Transaction I65 (Transfer to Another NASA Installation)	Program
TRNIADP1	Add Transaction Processor	Program
TRNIDL1P1	Delete Transaction Processor	Program
TRNXFRN1	Builds the Transfer Record for any Equipment Transferred Between NASA Centers	Subprogram
<u>PCM</u>		
ACOMMON	Startup Module	Program
ADD1USER		Program
LST078P1	Custodian Account Table List	Program
LST090P1	User Number Table List	Program
NAV100P1	NEMS Navigational and Edit Program	Program
NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
NEMSPCM	NEMS Property Custodian Module	Program
NERRORMA	On Error	Map

NERRORPA	On Error	Program
PCM000L8		Local
PCM000L9		Local
PCM000LC		Local
PCMMAP		Map
PRM830S1	NEMS-1 Submit 830 Report Subroutine	Subroutine
RPTSELP1	On-Request Report Selection Menu Program	Program
RPTSELP2	Report Distribution Menu Program	Program
RPTSTDP1	PCM Report Standard Distribution Record	Program
RPTSUBP1	Alter Scheduled Reports	Program
SGN003P1	Pending File for Gaining Custodian	Program
SGN003P2	Pending File for Manager	Program
TBL078H1	Table 078 – Custodian Account	Helproutine
TBL090H1	Table 090 – User Number	Helproutine
TBLC69P1	PCM User Authority Table Update	Program
TBLC70H3	Table C70 – Accept/Reject	Helproutine
TBLS06H3	Table S06 – Report Number Table Help	Helproutine
TBLS06P1	Report Number Table Update	Program
TRNC26N1	Change Transaction 26	Subprogram
TRNC26P1	Change Transaction 26 (Custodian Account Change)	Program
TRNC29P1	Change Transaction 29 (Equipment Location Change)	Program
TRNC30P1	Change Transaction 30 (Status Code Change)	Program
TRNC31P1	Change Transaction 31 (User Number Change)	Program
TRNC38P1	Change Transaction 38 (Borrowed Out)	Program
TRNC39P1	Change Transaction 39 (Borrowed Out – Returned)	Program
TRNC40P1	Change Transaction 40 (Loan/Lease Out)	Program
TRNC41P1	Change Transaction 41 (Loan/Lease Out – Returned)	Program
TRNC42P1	Change Transaction 42 (Loan Pool Out)	Program
TRNC43P1	Change Transaction 43 (Loan Pool Out – Returned)	Program
TRNC44P1	Change Transaction 44 (Storage In)	Program
TRNC45P1	Change Transaction 45 (Storage In – Returned)	Program
TRNC50P1	Change Transaction 50 (Freeze Number Assignment)	Program
TRNC51P1	Change Transaction 51 (Freeze Number Removal)	Program
TRNC52N1	Change Transaction 52	Subprogram
TRNC52P1	Change Transaction 52 (Excess Equipment Turn-In by Custodian)	Program
TRNC56P1	Change Transaction 56 (Repair Update Change)	Program
TRNC57P1	Change Transaction 57 (Off-Site for Repair)	Program
TRNC60P1	Change Transaction 60 (NASA Held Equipment Data Change)	Program
TRNC60P2	Change Transaction 60 (NASA Held Equipment Data Change)	Program

TRNC60P3	Change Transaction 60 (NASA Held Equipment Data Change)	Program
TRNC64P1	Change Transaction 64 (Local Data)	Program
TRNC65M1		Map
TRNC65P1	Delete Transaction 65 (Transfer to Another NASA Installation)	Program
TRNC66P1	Delete Transaction 66 (Transfer to Other Government Agency)	Program
TRNC67P1	Delete Transaction 67 (Transfer of GFE to a Contractor)	Program
TRNC69P1	Delete Transaction 69 (Lease In-Returned)	Program
TRNC70P1	Delete Transaction 70 (Loan In-Returned)	Program
TRNC71P1	Delete Transaction 71 (Survey – Missing Equipment)	Program
TRNC72P1	Delete Transaction 72 (Decontrol – Removal of Tags)	Program
TRNC73P1	Delete Transaction 73 (Deletes Resulting from Assembly/Disassembly)	Program
TRNIEXNA	Inventory by Exception	Subprogram
TRNUPDP1	NEMS Update Transaction From the Pending File Records	Program
TRNUPDP6	Add Daily Transaction Record	Subprogram
TRNUPDP7	Add History Record	Subprogram
TRNUPDP8	Update Equipment File fields	Subprogram
TRNUPDS1	NEMSPCM Display Equipment and Pending File	Subprogram
TRNXFRN1	Builds the Transfer Record for any Equipment Transferred Between NASA Centers	Subprogram

2.0 CCR 340 – Change Control Threshold to \$5000

The control threshold for cap sens code 'Q' items is currently \$1000. The requirement is to change the threshold to \$5000.

Description of Change

The edits were modified to change the control threshold for Cap Sens 'Q' items to \$5000.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

NEMS

- Perform the following add transactions: 01, 02, 04, 05, 06, 10, 11, 12, 13, 16, 17, 18, and 21 entering a COST of 4999 and a Capital/Sensitive Code of Q.
Expected Results: An error message will be displayed indicating that Cap/Sens 'Q' is valid only for Non Capital items (GE 5000 and < 100000).
- Perform the following add transactions: 01, 02, 04, 05, 06, 10, 11, 12, 13, 16, 17, 18, and 21 entering a COST of 5000 and a Capital/Sensitive Code of Q.
Expected Results: The ECN should be added.

Inventory

- Perform the following add transactions: I04, I06, I10, I11, I12, I13, I18, and I21 entering a COST of 4999 and a Capital/Sensitive Code of Q.
Expected Results: An error message will be displayed indicating that Cap/Sens 'Q' is valid only for Non Capital items (GE 5000 and < 100000).
- Perform the following add transactions: I04, I06, I10, I11, I12, I13, I18, and I21 entering a COST of 5000 and a Capital/Sensitive Code of Q.
Expected Results: The ECN should be added.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
CAPSENS1	Change Capitalization or Cost with Cap Sens Code Change	Subpgm
DD1342	NEMS form 1342-A print program	Program
INVBBIS1	Bar Code data against Equipment file	Subpgm
INVBBIS4	Bar Code data against Equipment file	Subpgm
MSA002P1	Periodic purge of Historical file	Program
MSD009P1	Form 1342 Batch print	Program
PRM731P1	Contractor Held equipment over \$1000 Verification List (EVS) Selection Menu	Program
RPT135P1	DD for 1342 Return Candidate List (for GFE)	Program
RPT810P1	1342 Batch Request	Program
TRN001P1	Add Transaction 01 (Receipt by Purchase – NASA Funded)	Program

TRN002P1	Add Transaction 02 (Receipt by Purchase – OGA Funded)	Program
TRN004P1	Add Transaction 04 (Receipt by Transfer – From NASA Installation)	Program
TRN005P1	Add Transaction 05 (Receipt by Transfer – From OGA)	Program
TRN006P1	Add Transaction 06 (Receipt by Transfer – From Contractor)	Program
TRN010P1	Add Transaction 10 (Receipt from Fabrication)	Program
TRN011P1	Add Transaction 11 (Receipt from Assembly/Disassembly)	Program
TRN012P1	Add Transaction 12 (Receipt from Found on Station)	Program
TRN013P1	Add Transaction 13 (Receipt from Excess)	Program
TRN016P1	Add Transaction 16 (Receipt by Transfer from Real To Personal Property)	Program
TRN017P1	Add Transaction 17 (Receipt from Non-Government Source)	Program
TRN018P1	Add Transaction 18 (Receipt from not previously Meeting criteria for tagging)	Program
TRN021P1	Add Transaction 21 (Receipt – Lease to Purchase)	Program
TRN046P1	Change Transaction 46 (Cap/Sens and NSN change)	Program
TRN080P1	Delete Transaction 80 (Disposal of NASA Held Equipment by Custodian CC=7)	Program
TRN081P1	Delete Transaction 81 Disposal of NASA Held Equipment by NEMS Reut Coord	Program
<u>Inventory</u>		
TRNI04P1	Add Transaction I04 (Receipt by Transfer – From NASA Installation)	Program
TRNI06P1	Add Transaction I06 (Receipt by Transfer – From Contractor)	Program
TRNI10P1	Add Transaction I10 (Receipt from Fabrication)	Program
TRNI11P1	Add Transaction I11 (Receipt from Assembly/Disassembly)	Program
TRNI12P1	Add Transaction I12 (Receipt from Found on Station)	Program
TRNI13P1	Add Transaction I13 (Receipt from Excess)	Program
TRNI18P1	Add Transaction I18 (Receipt from not previously meeting criteria for tagging)	Program
TRNI21P1	Add Transaction I21 (Receipt – Lease to Purchase)	Program
TRNI80P1	Delete Transaction I80 (Disposal of NASA Held Equipment by Custodian CC = 7)	Program
TRNI81P1	Delete Transaction I81 (Disposal of NASA Held Equipment by NEMS Reutilization Coordinator)	Program

PCM

TRNC60P2

Change Transaction 60 (NASA Held Equipment
Data Change)

Program

3.0 CCR 341 – Restrict Txn 46 Inventory by Exception

When performing transaction 46 (Cap/Sens and NSN Change) the user is able to change the User Number, National Stock Number (NSN), Capital/Sensitive Code, and Item Name. Currently, transaction 46 writes the Date Inventoried on the Daily Transaction file as the Current Date. The Date Inventoried on the NEMS Equipment file is not changed unless a user change on transaction is performed. Inventory Underage Discrepancies are being cleared for all parts of this transaction.

Description of Change

Transaction 46 was changed so that a change of the User will clear the inventory discrepancy and update the date inventoried. The other parts of transaction 46 (NSN, Capital/Sensitive Code, and Item Name) will just update the equipment record with that specific information, create a daily transaction record, and not clear the inventory discrepancy.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Perform transaction 46 User change on an item that has an inventory discrepancy.
Expected Results: The inventory discrepancy will be cleared and the date inventoried will be updated.
- Perform transaction 46 (National Stock Number, Capital/Sensitive Code, or Item Name change) on an item that has an inventory discrepancy.
Expected Results: The equipment record will be updated with that specific information (National Stock Number, Capital/Sensitive Code, or Item Name), a daily transaction record will be created. The inventory discrepancy will not be cleared.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
TRN046P1	Change Transaction 46 (CAP/SENS Code and NSN Change)	Program

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NEMS SOFTWARE RELEASE 6.0

Introduction

Release information:

System Name: NEMS
Release Number: 6.0
Release Date: June 23, 2003
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NEMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NEMS.PROD.R600.R0603.SRC
xxMOV.NEMS.PROD.R600.R0603.PRD

Where "xx" is replaced by the appropriate NASA Center designation.

AR - ARC
DF - DFRC
GS - GSFC
HQ - HQ
J5 - JSC
KS - KSC
LA - LaRC
LE - GRC (Glenn)
MS - MSFC
SS - SSC

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all NEMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

- A. Source code is installed in three separate libraries. Source code for programs modified in this release version were unloaded in the NATUNLD format, these programs all have specific destination libraries as shown below. All the NEMS programs have a destination of NEMS; NEMSINV programs have a destination of NEMSINV and NEMSPCM programs have a destination of NEMSPCM.

1. Load the NEMS source library from the dataset
xxMOV.NEMS.PROD.R600.R0603.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMS programs:

1. ACOMMON	Startup Module	Program
2. ADDUSINV	Inventory User ID	Program
3. ADDUSNEM	NEMS User ID	Program
4. ADDUSPCM	PCM User ID	Program
5. ADH000P1	Adhoc Menu	Program
6. ADH004P1	Adhoc Selection Menu – Transfers (for centers)	Program
7. ADH005P1	Adhoc Selection Menu – Transfers (for centers)	Program
8. ADH078P1	Custodian Account Table Adhoc list	Program
9. ADH090P1	User Number Table Adhoc list	Program
10. ADH900P1	NEMS Daily Transaction File Adhoc by ECN	Program

11.ADH910P2	Daily Transaction Dynamic Adhoc	Program
12.ADH910P4	Daily Transaction Dynamic Adhoc	Program
13.ADH920P1	Equipment File Adhoc by ECN	Program
14.ADH930P2	Equipment File Adhoc by Field	Program
15.ADH930P4	Equipment File Adhoc by Field	Program
16.ADH940P1	NEMS History File Adhoc ECN Selection	Program
17.ADH950P2	History File Adhoc by Field	Program
18.ADH950P4	History File Adhoc by Field	Program
19.ADH960P1	NEMS Monthly Transaction File Adhoc by ECN	Program
20.ADH961P1	NEMS Yearly Transaction File Adhoc by ECN	Program
21.ADH970P2	NEMS Monthly Transaction File by Field	Program
22.ADH970P4	Monthly Transaction Adhoc by Field	Program
23.ADH971P1	Yearly Transaction Adhoc by Field	Program
24.ADH971P2	Yearly Transaction Adhoc by Field	Program
25.ADH971P3	Yearly Transaction Adhoc by Field	Program
26.ADH971P4	Yearly Transaction Adhoc by Field	Program
27.ADH980P1	NEMS Transfer File Adhoc by ECN	Program
28.ADH990P1	Dynamic Adhoc	Program
29.ADH990P2	Dynamic Adhoc	Program
30.ADH991P1	Dynamic Adhoc	Program
31.ADH991P2	Dynamic Adhoc	Program
32.ADH992P1	Dynamic Adhoc Record Count	Program
33.ADH992P2	Dynamic Adhoc Record Count	Program
34.ADH992P3	Dynamic Adhoc Record Count	Program
35.ADH992P4	Dynamic Adhoc Record Count	Program
36.ADH993P1	Dynamic Adhoc	Program
37.ADH993P2	Dynamic Adhoc	Program
38.ADH994P1	Dynamic Adhoc	Program
39.ADH994P2	Dynamic Adhoc	Program
40.ADH995P1	Dynamic Adhoc	Program
41.ADH995P2	Dynamic Adhoc	Program
42.ADH999P1	Dynamic Adhoc to Batch Report Record Create	Program
43.ADHOCENT	NEMS Adhoc start program (for centers)	Program
44.ADHS03P1	User ID Table Adhoc list	Program
45.ADHS04P1	Sequence Number Table Adhoc list	Program
46.ADHS05P1	Report Number Table Adhoc list (Inventory)	Program
47.ADHS09P1	Report Number Table Adhoc list	Program
48.ADHS10P1	Inventory User ID Table Adhoc list	Program
49.ADHS11P1	Inventory User ID Table Adhoc list	Program
50.ADHTBLP1	Adhoc Table Menu	Program
51.CAPSENS1	Change Capitalization or Cost with Cap Sens Code Change	Subprogram
52.DD1342	NEMS Form 1342-A Print Program	Program

53. GLBINSNO	Update NEMS-GLOBL-TRANS Installation Number	Program
54. HSTSEQN1	Correct History Sequence Numbers	Subprogram
55. HSTSEQP1	Correct History Sequence Numbers	Program
56. INVBBIP1	Bar Code Data Against Equipment File	Program
57. INVBBIP2	Bar Code Data Against Equipment File (Part 2)	Program
58. INVBBIP3	Bar Code Data Against Equipment File	Program
59. INVBBIP4	Location Bar Code Data Against Equipment File	Program
60. INVBBIP5	Bar Code Data Against Equipment File (Part 2)	Program
61. INVBBIP6	Bar Code Data Against Equipment File	Program
62. INVBBIS1	Bar Code Data Against Equipment File	Subprogram
63. INVBBIS4	Bar Code Data Against Equipment File	Subprogram
64. INVBCLP1	Close Inventory	Program
65. INVBIEP1	Close Inventory Account	Program
66. INVBIEP2	Close Inventory Account	Program
67. INVIEXNA	Inventory Underage Clearing	Subprogram
68. JCLCNTL	Update the NEMS-CONTROL with Installation or Sub-Installation	Program
69. JCLGENP2	JCL Generator - Reports	Program
70. JCLGENP3	JCL Generator – Maintenance	Program
71. JCLUPDP1	Control File Update	Program
72. JCLUPLD	Load JCL to the NEMS-CONTROL file	Program
73. JP001	Aircraft in the NEMS CDB	Program
74. JP001JOC	Aircraft in the NEMS CDB	Program
75. JP002	Aircraft in the NEMS CDB	Program
76. MNTCHGP1	Maintenance Cycle Update	Program
77. MNTIUIP1	Inventory User ID Table Update	Program
78. MNTJCLP1	Control File Update	Program
79. MNTLSTP1	List On-Line Regularly Scheduled Maintenance	Program
80. MNTSELP1	On-Request Maintenance Selection Menu Program	Program
81. MNTSUBP1	Alter Scheduled Maintenance	Program
82. MNTTBLP1	Maintenance Table Update	Program
83. MNTUIDP1	User ID Table Update	Program
84. MNU000P1	Control Switch Analyzer Program	Program
85. MSA002P1	Periodic Purge of Historical File	Program
86. MSA003P1	Copy NEMS-YEARLY-TRANS to NEMS-CUMM-TRANS and Purge	Program
87. MSD002P1	Entry Reference and Freeze Number Reset	Program
88. MSD009P1	Form 1342 Batch Print	Program
89. MSM001P2	Monthly Summary of Status Code Changes Update	Program
90. MSM008P1	Delete Old Records from Transfer File	Program
91. NAV100P1	NEMS Navigational and Edit Program	Program

92. NEADOSLA	LDA	LDA
93. NEADOSP1	Processing ADOSS Reports	Program
94. NEADOSP2	Processing ADOSS Reports	Program
95. NEJCLUNL	NEMS Control File – JCL Flat File Build	Program
96. NELOGON1	Check Logon User ID and Password for Web Input	Subprogram
97. NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
98. NEMS	NEMS Start Program	Program
99. NEMSCENT	NEMS Central Driver	Program
100. NEMSCINQ	NEMS Central Driver	Program
101. NERRORMA	NEMS On Error	Map
102. NERRORPA	NEMS On Error Program	Program
103. NEUTRN46	Mass Action Decontrol by Cap-Sens Code	Program
104. NEUTRN72	Mass Action Decontrol	Program
105. NEWDISN1	Disapproval Assignment to Your User ID	Subprogram
106. NEWLCUN1	List All Custodian IDs	Subprogram
107. NEWLCUN2	List All Custodian IDs	Subprogram
108. NEWLEAN1	List Equipment Awaiting Approval	Subprogram
109. NEWLEUN1	List Equipment Assigned to User / Custodian Account	Subprogram
110. NEWLOAN1	List Equipment Waiting Approval by Others	Subprogram
111. NEWLUSN1	List All User IDs	Subprogram
112. NEWLUSN2	List All User Names	Subprogram
113. NEWXFRN1	Change to a New User (Web User Number Change)	Subprogram
114. NEXUSRNA	Look up INST-NMBR from User ID	Subprogram
115. PCMINSAC	Populate Installation Account on NEMS-PCM-PENDING	Program
116. PRM731P1	Contractor Held Equipment Over \$1000 Verification List (EVS) Selection Menu	Program
117. PRM810P1	DD 1342 Selection Menu	Program
118. PRM830P1	NEMS-1 Selection Menu	Program
119. PRM831P1	NEMS-1 Selection Menu	Program
120. PRM910P1	Custodian Table Report	Program
121. PRM920P1	User Table Report	Program
122. REPINSNO	Populate Installation Number on NEMS-REPORTS	Program
123. RPT010P1	Daily Transaction Register (by Trans No)	Program
124. RPT011P1	Daily Transaction Register (by Trans No Exploded)	Program
125. RPT012P1	Daily Transaction Register (by ECN)	Program
126. RPT013P1	Daily Transaction Register (by Entry Ref No)	Program
127. RPT015P1	Daily Item Name Validation Report	Program

128. RPT020P1	Custodian Monthly Transaction Report	Program
129. RPT030P1	Monthly Transaction Statistical Summary	Program
130. RPT050P1	Error Messages and Code	Program
131. RPT060P1	Global Change Invalid Transaction Register	Program
132. RPT110P1	Manufacturer's Code XXXXX Suspense Report	Program
133. RPT120P1	Property Location Report	Program
134. RPT130P1	Loaned (In) Equipment Expiration Report	Program
135. RPT131P1	Loaned (Out) Equipment Expiration Report	Program
136. RPT132P1	Leased (In) Equipment Return Candidate List	Program
137. RPT133P1	Leased (Out) Equipment Return Candidate List	Program
138. RPT134P1	Borrowed Equipment Return Candidate List	Program
139. RPT134P2	Borrowed Equipment Return Candidate List	Program
140. RPT135P1	DD for 1342 Return Candidate List (for GFE)	Program
141. RPT136P1	Leased Equipment Subject to Capitalization	Program
142. RPT137P1	Off-Site for Repair Report	Program
143. RPT138P1	Storage (In) Equipment Expiration Report	Program
144. RPT139P1	Borrowed (In) Equipment Expiration Report	Program
145. RPT140P1	Custodian Account Property Report	Program
146. RPT141P1	Custodian Account Property Report	Program
147. RPT142P1	Custodian Account Capitalization Value Amount/Cost	Program
148. RPT143P1	Custodian Account Heritage Asset Report	Program
149. RPT150P1	Monthly Custodian Account Property	Program
150. RPT166P1	Items in Status Code 'C' for 120 Days or More	Program
151. RPT170P1	Items Found on Station	Program
152. RPT171P1	Items Surveyed	Program
153. RPT174P1	Retagged Items List	Program
154. RPT180P1	Global Change Report	Program
155. RPT190P1	20% Sensitive Item Inventory Report	Program
156. RPT194P1	Idle Equipment Report	Program
157. RPT195P1	Idle Equipment Report	Program
158. RPT196P1	Idle Equipment Report	Program
159. RPT197P1	Idle Equipment Report by ECN	Program
160. RPT200P1	Capital Equipment Type Account Report	Program
161. RPT201P1	Capital Equipment Type Account Report	Program
162. RPT202P1	Capital Equipment Type Account Report	Program
163. RPT240P1	Pending Transaction Report	Program
164. RPT245P1	Awaiting Custodian Approval Report	Program
165. RPT246P1	Awaiting Manager's Approval Report	Program
166. RPT350P1	Borrow Out Greater than One Year Report	Program
167. RPT360P1	Items Frozen Longer than 30 Days	Program
168. RPT401P1	NEMS Reconciliation Summary	Program
169. RPT402P1	Financial Reconciliation Summary	Program
170. RPT420P1	1324 – Controlled Equipment Report – NEMS	Program

171. RPT422P1	1324 – Controlled Equipment Report (Summary)	Program
172. RPT422P2	1324 – Controlled Equipment Report Detail – NEMS	Program
173. RPT422P3	1324 – Controlled Equipment Report – NEMS (Detail)	Program
174. RPT430P1	1324 – Controlled Equipment Report	Program
175. RPT432P1	1324 – Controlled Equipment Report (Summary)	Program
176. RPT432P2	1324 – Controlled Equipment Report	Program
177. RPT432P3	1324 – Controlled Equipment Report (Detail)	Program
178. RPT500P1	ECN Detail Item Report	Program
179. RPT501P1	ECN Detail Item Report	Program
180. RPT520P1	ECN Distribution Report	Program
181. RPT521P1	ECN Validation Report	Program
182. RPT540P1	Equipment File Duplicate ECN	Program
183. RPT602P1	Organization Property Summary Report	Program
184. RPT750P1	Summary of Items to be Inventoried	Program
185. RPT750P2	Summary Report of Items to be Inventoried	Program
186. RPT751P1	Summary Report of Items to be Inventoried	Program
187. RPT751P2	Summary Report of Items to be Inventoried	Program
188. RPT752P1	Yearly Inventory Transaction Statistical Summary	Program
189. RPT753P1	Custodian Inventory Statistical Summary	Program
190. RPT753P2	Grid Location Statistical Report	Program
191. RPT754P1	Items Held for Centerwide Account	Program
192. RPT755P1	Items Held for Sub Accounts	Program
193. RPT760P1	Custodian Account Missing Items Report	Program
194. RPT760P2	Location Missing Items Report	Program
195. RPT761P1	Custodian Account Overage Items Report	Program
196. RPT761P2	Grid Location Overage Items Report	Program
197. RPT762P1	Inventory Location Change Report	Program
198. RPT762P2	Inventory Location Change Report	Program
199. RPT763P1	Inventory Matched Items Report	Program
200. RPT763P2	Inventory Matched Items Report	Program
201. RPT764P1	Bar Code File Display by Custodian	Program
202. RPT764P2	Bar Code File Display by Grid Location	Program
203. RPT765P1	Bar Code File Display by ECN	Program
204. RPT765P2	Bar Code File Display by ECN	Program
205. RPT766P1	Post Inventory Custodian Account Property Report	Program
206. RPT766P2	Post Inventory Location Property Report	Program
207. RPT767P1	Inventory History Report	Program
208. RPT767P2	Inventory History Report	Program
209. RPT768P1	Inventory Daily Transaction Register	Program
210. RPT769P1	Inventory Location Not Changed Report	Program
211. RPT769P2	Inventory Location Not Changed Report	Program

212. RPT770P1	Triennial Inventory Close Report	Program
213. RPT771P1	Custodian Account Records Not Inventoried Report	Program
214. RPT771P2	Custodian Account Records Not Inventoried Report	Program
215. RPT772P1	Items In Out Status on a Cyclic Inventory	Program
216. RPT773P1	Inventory Local Data Report	Program
217. RPT780P1	Loaned Out Equipment Verification List	Program
218. RPT810P1	1342 Batch Request	Program
219. RPT830P1	NEMS-1 Print Program	Program
220. RPT831P1	NEMS-1 Print Program	Program
221. RPT900P1	Items Held in Storage List	Program
222. RPT910P1	Custodian Table Report	Program
223. RPT910P2	Custodian Table Report	Program
224. RPT920P1	User Table Report	Program
225. RPT920P2	User Table Report (Sorted by User Name)	Program
226. RPT930P1	Building Number Table Report	Program
227. RPT930P2	Building Number Table Report	Program
228. RPT955P1	Dynamic Adhoc Batch Report	Program
229. RPT998P1	ERN Report for PCM Module	Program
230. RPTCHGNA	Report Cycle Update List	Subprogram
231. RPTCHGP1	Report Cycle Update	Program
232. RPTSELP1	On-Request Report Selection Menu Program	Program
233. RPTSELP2	Report Distribution Menu Program	Program
234. RPTSTDP1	Standard Report Distribution Update	Program
235. RPTSUBP1	Alter Scheduled Reports	Program
236. TBL252P1	NASA Installation Number Table Update	Program
237. TBLGEN	Update ND-TABLE with Installation Number	Program
238. TBLGENP1	Update NEMS-TABLE	Program
239. TBLLOD	Load ND-TABLE file	Program
240. TBLS05P1	Report Number Table Update	Program
241. TBLS09P1	Inventory Report Number Table Update	Program
242. TBLS10P1	Inventory Transaction Number Table Update	Program
243. TBLS13P1	Report Number Table Update	Program
244. TRN000P1	Equipment Menu (Transaction) Update Menu	Program
245. TRN001P1	Add Transaction 01 (Receipt by Purchase – NASA Funded)	Program
246. TRN002P1	Add Transaction 02 (Receipt by Purchase – OGA Funded)	Program
247. TRN004P1	Add Transaction 04 (Receipt by Transfer – From NASA Installation)	Program
248. TRN005P1	Add Transaction 05 (Receipt by Transfer - From OGA)	Program

249. TRN006P1	Add Transaction 06 (Receipt by Transfer – From Contractor)	Program
250. TRN010P1	Add Transaction 10 (Receipt from Fabrication)	Program
251. TRN011P1	Add Transaction 11 (Receipt from Assembly/Disassembly)	Program
252. TRN012P1	Add Transaction 12 (Receipt from Found on Station)	Program
253. TRN013P1	Add Transaction 13 (Receipt from Excess	Program
254. TRN014P2	Add Transaction 14 Processing Program	Program
255. TRN015P1	Add Transaction 15 (Receipt from Return of Record from Historical file	Program
256. TRN016P1	Add Transaction 16 (Receipt by Transfer From Real to Personal Property)	Program
257. TRN017P1	Add Transaction 17 (Receipt from Non-Government Source)	Program
258. TRN018P1	Add Transaction 18 (Receipt from Not Previously Meeting Criteria for Tagging)	Program
259. TRN021P1	Add Transaction 21 (Receipt – Lease to Purchase)	Program
260. TRN021P2	Add Transaction 21 Processing Program	Program
261. TRN025P1	Change Transaction 25 (Cost Change)	Program
262. TRN026P1	Change Transaction 26 (Custodian Account Change)	Program
263. TRN029P1	Change Transaction 29 (Equipment Location Change)	Program
264. TRN031P1	Change Transaction 31 (User Number Change)	Program
265. TRN038P1	Change Transaction 38 (Borrowed Out)	Program
266. TRN039P1	Change Transaction 39 (Borrowed Out – Returned)	Program
267. TRN040P1	Change Transaction 40 (Loan/Lease Out)	Program
268. TRN041P1	Change Transaction 41 (Loan/Lease Out – Returned)	Program
269. TRN042P1	Change Transaction 42 (Loan Pool Out)	Program
270. TRN043P1	Change Transaction 43 (Loan Pool Out – Returned)	Program
271. TRN046P1	Change Transaction 46 (Cap/Sens Code and NSN Change)	Program
272. TRN052P1	Change Transaction 52 (Excess Equipment Turn-In by Custodian)	Program
273. TRN060P2	Change Transaction 60 (NASA Held Equipment Record Data Change)	Program
274. TRN062P1	Global Change	Program
275. TRN062P6	Transaction 62 Display and Confirmation	Program
276. TRN062PD	Transaction 62 Batch Edit Update Program	Program

277. TRN062PF	Transaction 62 Batch End of Update Program	Program
278. TRN062PG	Transaction 62 Global Delete Process	Program
279. TRN063P1	Transaction 63 Reverse Add	Program
280. TRN065P1	Delete Transaction 65 (Transfer to another NASA Installation)	Program
281. TRN080P1	Delete Transaction 80 (Disposal of NASA Held Equipment by Custodian CC = 7)	Program
282. TRN081P1	Delete Transaction 81 (Disposal of NASA Held Equipment by NEMS Reut Coord	Program
283. TRNADDP1	Add Transaction Processor	Program
284. TRNDELP1	Delete Transaction Processor	Program
285. TRNIEXNA	Inventory by Exception	Subprogram
286. TRNW26N1	Change Transaction 26 (Web Custodian Account Change)	Subprogram
287. TRNW29N1	Change Transaction 29 (Web Equipment Location Change)	Subprogram
288. TRNW31N1	Change Transaction 31 (Web User Number Change)	Subprogram
289. TRNXFRN1	ECN of Transfer ISN of History Record	Subprogram
290. UPTBL200	Update Table 200 – ADOSS	Program
291. WEBPDINS	Update Web Pending Installation Account	Program

will be loaded to the application library NEMS, replacing any existing programs of the same name.

2. Load the NEMSINV source library from the dataset:
xxMOV.NEMS.PROD.R600.R0603.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMSINV programs:

1. ACOMMON	Startup Module	Program
2. INV000P0	Control Switch Analyzer Program	Program
3. INVCMDP1	Inventory Direct Command Program	Program
4. INVISDP1	Standard Report Distribution Update	Program
5. INVOPNP1	Inventory Open/Close	Program
6. INVPBCP1	Inventory Upload/Delete	Program
7. INVPBCP8	Inventory Upload	Program
8. INVPBCP9	Inventory Upload	Program
9. INVRSLP2	Report Distribution Menu Program	Program
10. INVSELP1	Inventory Selection Menu	Program
11. INVSELP2	Inventory Select Menu	Program

12. INVSUBP1	Alter Scheduled Reports	Program
13. INVTRNP2	Add Transaction Menu	Program
14. NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
15. NEMSINV	Inventory Start Up Program	Program
16. NERRORMA	On Error	Map
17. NERRORPA	On Error	Program
18. NEXUSRNA	Look up Inst-No from User ID	Subprogram
19. TRNI04P1	Add Transaction I04 (Receipt by Transfer – From NASA Installation)	Program
20. TRNI06P1	Add Transaction I06 (Receipt by Transfer – From Contractor)	Program
21. TRNI10P1	Add Transaction I10 (Receipt from Fabrication)	Program
22. TRNI11P1	Add Transaction I11 (Receipt form Assembly/Disassembly)	Program
23. TRNI12P1	Add Transaction I12 (Receipt from Found on Station)	Program
24. TRNI13P1	Add Transaction I13 (Receipt from Excess)	Program
25. TRNI14P3	Transaction I14 Processing Program	Program
26. TRNI18P1	Add Transaction I18 (Receipt from not Previously Meeting Criteria for Retagging)	Program
27. TRNI21P1	Add Transaction I21 (Receipt – Lease to Purchase)	Program
28. TRNI26P1	Change Transaction I26 (Custodian Account Change)	Program
29. TRNI29P1	Change Transaction I29 (Equipment Location Change)	Program
30. TRNI32P1	Update Inventory No Change to Equipment File I32	Program
31. TRNI33P1	Contractor – Transfer Requested I33	Program
32. TRNI34P1	Update Inventory No change to Equipment File I34	Program
33. TRNI38P1	Change Transaction I38 (Borrowed Out)	Program
34. TRNI39P1	Change Transaction I39 (Borrowed Out – Returned)	Program
35. TRNI40P1	Change Transaction I40 (Loan/Lease Out)	Program
36. TRNI41P1	Change Transaction I41 (Loan/Lease Out – Returned)	Program
37. TRNI42P1	Change Transaction I42 (Loan Pool Out)	Program
38. TRNI43P1	Change Transaction I43 (Loan Pool Out – Returned)	Program
39. TRNI44P1	Change Transaction I44 (Storage In)	Program
40. TRNI45P1	Change Transaction I45 (Storage In – Retuned)	Program
41. TRNI52P1	Change Transaction I52 (Excess Equipment Turn-IN by Custodian)	Program
42. TRNI57P1	Change Transaction I57 (Off-Site for Repair)	Program

43. TRNI65P1	Delete Transaction I65 (Transfer to Another NASA Installation	Program
44. TRNI80P1	Delete Transaction I80 (Disposal of NASA Held Equipment by Custodian CC = 7)	Program
45. TRNI81P1	Delete Transaction I81 (Disposal of NASA Held Equipment by NEMS Reutilization Coordinator	Program
46. TRNIADP1	Add Transaction Processor	Program
47. TRNIDLP1	Delete Transaction Processor	Program
48. TRNXFRN1	Builds the Transfer Record for any Equipment Transferred Between NASA Centers	Subprogram

will be loaded to the application library NEMSINV, replacing any existing programs of the same name.

3. Load NEMSPCM source library from the dataset:
xxMOV.NEMS.PROD.R600.R0603.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMSPCM Programs:

1. ACOMMON	Startup Module	Program
2. ADD1USER		Program
3. LST078P1	Custodian Account Table List	Program
4. LST090P1	User Number Table List	Program
5. NAV100P1	NEMS Navigational and Edit Program	Program
6. NELOGON2	Determine Target Library During Cross System Navigation	Subprogram
7. NEMSPCM	NEMS Property Custodian Module	Program
8. NERRORMA	On Error	Map
9. NERRORPA	On Error	Program
10. PCM000L8		Local
11. PCM000L9		Local
12. PCM000LC		Local
13. PCMMAP		Map
14. PRM830S1	NEMS-1 Submit 830 Report Subroutine	Subroutine
15. RPTSELP1	On-Request Report Selection Menu Program	Program
16. RPTSELP2	Report Distribution Menu Program	Program
17. RPTSTDP1	PCM Report Standard Distribution Record	Program
18. RPTSUBP1	Alter Scheduled Reports	Program
19. SGN003P1	Pending File for Gaining Custodian	Program
20. SGN003P2	Pending File for Manager	Program
21. TBL078H1	Table 078 – Custodian Account	Helproutine
22. TBL090H1	Table 090 – User Number	Helproutine

23. TBLC69P1	PCM User Authority Table Update	Program
24. TBLC70H3	Table C70 – Accept/Reject	Helproutine
25. TBLS06H3	Table S06 – Report Number Table Help	Helproutine
26. TBLS06P1	Report Number Table Update	Program
27. TRNC26N1	Change Transaction 26	Subprogram
28. TRNC26P1	Change Transaction 26 (Custodian Account Change)	Program
29. TRNC29P1	Change Transaction 29 (Equipment Location Change)	Program
30. TRNC30P1	Change Transaction 30 (Status Code Change)	Program
31. TRNC31P1	Change Transaction 31 (User Number Change)	Program
32. TRNC38P1	Change Transaction 38 (Borrowed Out)	Program
33. TRNC39P1	Change Transaction 39 (Borrowed Out – Returned)	Program
34. TRNC40P1	Change Transaction 40 (Loan/Lease Out)	Program
35. TRNC41P1	Change Transaction 41 (Loan/Lease Out – Returned)	Program
36. TRNC42P1	Change Transaction 42 (Loan Pool Out)	Program
37. TRNC43P1	Change Transaction 43 (Loan Pool Out – Returned)	Program
38. TRNC44P1	Change Transaction 44 (Storage In)	Program
39. TRNC45P1	Change Transaction 45 (Storage In – Returned)	Program
40. TRNC50P1	Change Transaction 50 (Freeze Number Assignment)	Program
41. TRNC51P1	Change Transaction 51 (Freeze Number Removal)	Program
42. TRNC52N1	Change Transaction 52	Subprogram
43. TRNC52P1	Change Transaction 52 (Excess Equipment Turn-In by Custodian)	Program
44. TRNC56P1	Change Transaction 56 (Repair Update Change)	Program
45. TRNC57P1	Change Transaction 57 (Off-Site for Repair)	Program
46. TRNC60P1	Change Transaction 60 (NASA Held Equipment Data Change)	Program
47. TRNC60P2	Change Transaction 60 (NASA Held Equipment Data Change)	Program
48. TRNC60P3	Change Transaction 60 (NASA Held Equipment Data Change)	Program
49. TRNC64P1	Change Transaction 64 (Local Data)	Program
50. TRNC65M1		Map
51. TRNC65P1	Delete Transaction 65 (Transfer to Another NASA Installation)	Program
52. TRNC66P1	Delete Transaction 66 (Transfer to Other Government Agency)	Program

53. TRNC67P1	Delete Transaction 67 (Transfer of GFE to a Contractor)	Program
54. TRNC69P1	Delete Transaction 69 (Lease In-Returned)	Program
55. TRNC70P1	Delete Transaction 70 (Loan In-Returned)	Program
56. TRNC71P1	Delete Transaction 71 (Survey – Missing Equipment)	Program
57. TRNC72P1	Delete Transaction 72 (Decontrol – Removal of Tags)	Program
58. TRNC73P1	Delete Transaction 73 (Deletes Resulting from Assembly/Disassembly)	Program
59. TRNIEXNA	Inventory by Exception	Subprogram
60. TRNUPDP1	NEMS Update Transaction From the Pending File Records	Program
61. TRNUPDP6	Add Daily Transaction Record	Subprogram
62. TRNUPDP7	Add History Record	Subprogram
63. TRNUPDP8	Update Equipment File fields	Subprogram
64. TRNUPDS1	NEMSPCM Display Equipment and Pending File	Subprogram
65. TRNXFRN1	Builds the Transfer Record for any Equipment Transferred Between NASA Centers	Subprogram

will be loaded to the application library NEMSPCM, replacing any existing programs of the same name.

The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	4
MAPS	5
HELP ROUTINES	4
SUBROUTINES	1
SUBPROGRAMS	35
PROGRAMS	355
COPYCODE	0
TEXT	0
PROCESSOR	0
MISCELLANEOUS OBJECTS	0
Total:	404

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted.

Added Modules:

NEMS

1.	ADDUSINV	Program
2.	ADDUSNEM	Program
3.	ADDUSPCM	Program
4.	ADH004P1	Program
5.	ADH005P1	Program
6.	ADH961P1	Program
7.	ADH971P1	Program
8.	ADH971P2	Program
9.	ADH971P3	Program
10.	ADH971P4	Program
11.	ADHOCENT	Program
12.	ADHS09P1	Program
13.	ADHS10P1	Program
14.	GLBINSNO	Program
15.	HSTSEQN1	Subprogram
16.	HSTSEQP1	Program
17.	JCLCNTL	Program
18.	JCLUPLD	Program
19.	JP001	Program
20.	JP001JOC	Program
21.	JP002	Program
22.	NEJCLUNL	Program
23.	NELOGON2	Subprogram
24.	NEMSCENT	Program
25.	NEMSCINQ	Program
26.	NERRORMA	Map
27.	NERRORPA	Program
28.	NEUTRN46	Program
29.	NEUTRN72	Program
30.	NEXUSRNA	Subprogram
31.	PCMINSAC	Program
32.	REPINSNO	Program
33.	RPT134P2	Program
34.	RPT540P1	Program
35.	TBLGEN	Program
36.	TBLGENP1	Program
37.	TBLLOD	Program
38.	TBLS09P1	Program
39.	TBLS10P1	Program
40.	TRNXFRN1	Subprogram

41. WEBPDINS Program

INVENTORY

42. NELOGON2 Subprogram
43. NEMSINV Program
44. NERRORMA Map
45. NERRORPA Program

PCM

46. NELOGON2 Subprogram
47. NEMSPCM Program
48. NERRORMA Map
49. NERRORPA Program

Modified Modules:

NEMS

1. ACOMMON Program
2. ADH000P1 Program
3. ADH078P1 Program
4. ADH090P1 Program
5. ADH900P1 Program
6. ADH910P2 Program
7. ADH910P4 Program
8. ADH920P1 Program
9. ADH930P2 Program
10. ADH930P4 Program
11. ADH940P1 Program
12. ADH950P2 Program
13. ADH950P4 Program
14. ADH960P1 Program
15. ADH970P2 Program
16. ADH970P4 Program
17. ADH980P1 Program
18. ADH990P1 Program
19. ADH990P2 Program
20. ADH991P1 Program
21. ADH991P2 Program
22. ADH992P1 Program
23. ADH992P2 Program
24. ADH992P3 Program
25. ADH992P4 Program
26. ADH993P1 Program

27.	ADH993P2	Program
28.	ADH994P1	Program
29.	ADH994P2	Program
30.	ADH995P1	Program
31.	ADH995P2	Program
32.	ADH999P1	Program
33.	ADHS03P1	Program
34.	ADHS04P1	Program
35.	ADHS05P1	Program
36.	ADHS11P1	Program
37.	ADHTBLP1	Program
38.	CAPSENS1	Subprogram
39.	DD1342	Program
40.	INVBBIP1	Program
41.	INVBBIP2	Program
42.	INVBBIP3	Program
43.	INVBBIP4	Program
44.	INVBBIP5	Program
45.	INVBBIP6	Program
46.	INVBBIS1	Subprogram
47.	INVBBIS4	Subprogram
48.	INVBCLP1	Program
49.	INVBIEP1	Program
50.	INVBIEP2	Program
51.	INVIEXNA	Subprogram
52.	JCLGENP2	Program
53.	JCLGENP3	Program
54.	JCLUPDP1	Program
55.	MNTCHGP1	Program
56.	MNTIUIP1	Program
57.	MNTJCLP1	Program
58.	MNTLSTP1	Program
59.	MNTSELP1	Program
60.	MNTSUBP1	Program
61.	MNTTBLP1	Program
62.	MNTUIDP1	Program
63.	MNU000P1	Program
64.	MSA002P1	Program
65.	MSA003P1	Program
66.	MSD002P1	Program
67.	MSD009P1	Program
68.	MSM001P2	Program
69.	MSM008P1	Program
70.	NAV100P1	Program

71.	NEADOSLA	LDA
72.	NEADOSP1	Program
73.	NEADOSP2	Program
74.	NELOGON1	Subprogram
75.	NEMS	Program
76.	NEWDISN1	Subprogram
77.	NEWLCUN1	Subprogram
78.	NEWLCUN2	Subprogram
79.	NEWLEAN1	Subprogram
80.	NEWLEUN1	Subprogram
81.	NEWLOAN1	Subprogram
82.	NEWLUSN1	Subprogram
83.	NEWLUSN2	Subprogram
84.	NEWXFRN1	Subprogram
85.	PRM731P1	Program
86.	PRM810P1	Program
87.	PRM830P1	Program
88.	PRM831P1	Program
89.	PRM910P1	Program
90.	PRM920P1	Program
91.	RPT010P1	Program
92.	RPT011P1	Program
93.	RPT012P1	Program
94.	RPT013P1	Program
95.	RPT015P1	Program
96.	RPT020P1	Program
97.	RPT030P1	Program
98.	RPT050P1	Program
99.	RPT060P1	Program
100.	RPT110P1	Program
101.	RPT120P1	Program
102.	RPT130P1	Program
103.	RPT131P1	Program
104.	RPT132P1	Program
105.	RPT133P1	Program
106.	RPT134P1	Program
107.	RPT135P1	Program
108.	RPT136P1	Program
109.	RPT137P1	Program
110.	RPT138P1	Program
111.	RPT139P1	Program
112.	RPT140P1	Program
113.	RPT141P1	Program
114.	RPT142P1	Program

115. RPT143P1	Program
116. RPT150P1	Program
117. RPT166P1	Program
118. RPT170P1	Program
119. RPT171P1	Program
120. RPT174P1	Program
121. RPT180P1	Program
122. RPT190P1	Program
123. RPT194P1	Program
124. RPT195P1	Program
125. RPT196P1	Program
126. RPT197P1	Program
127. RPT200P1	Program
128. RPT201P1	Program
129. RPT202P1	Program
130. RPT240P1	Program
131. RPT245P1	Program
132. RPT246P1	Program
133. RPT350P1	Program
134. RPT360P1	Program
135. RPT401P1	Program
136. RPT402P1	Program
137. RPT420P1	Program
138. RPT422P1	Program
139. RPT422P2	Program
140. RPT422P3	Program
141. RPT430P1	Program
142. RPT432P1	Program
143. RPT432P2	Program
144. RPT432P3	Program
145. RPT500P1	Program
146. RPT501P1	Program
147. RPT520P1	Program
148. RPT521P1	Program
149. RPT602P1	Program
150. RPT750P1	Program
151. RPT750P2	Program
152. RPT751P1	Program
153. RPT751P2	Program
154. RPT752P1	Program
155. RPT753P1	Program
156. RPT753P2	Program
157. RPT754P1	Program
158. RPT755P1	Program

159. RPT760P1	Program
160. RPT760P2	Program
161. RPT761P1	Program
162. RPT761P2	Program
163. RPT762P1	Program
164. RPT762P2	Program
165. RPT763P1	Program
166. RPT763P2	Program
167. RPT764P1	Program
168. RPT764P2	Program
169. RPT765P1	Program
170. RPT765P2	Program
171. RPT766P1	Program
172. RPT766P2	Program
173. RPT767P1	Program
174. RPT767P2	Program
175. RPT768P1	Program
176. RPT769P1	Program
177. RPT769P2	Program
178. RPT770P1	Program
179. RPT771P1	Program
180. RPT771P2	Program
181. RPT772P1	Program
182. RPT773P1	Program
183. RPT780P1	Program
184. RPT810P1	Program
185. RPT830P1	Program
186. RPT831P1	Program
187. RPT900P1	Program
188. RPT910P1	Program
189. RPT910P2	Program
190. RPT920P1	Program
191. RPT920P2	Program
192. RPT930P1	Program
193. RPT930P2	Program
194. RPT955P1	Program
195. RPT998P1	Program
196. RPTCHGNA	Subprogram
197. RPTCHGP1	Program
198. RPTSELP1	Program
199. RPTSELP2	Program
200. RPTSTDP1	Program
201. RPTSUBP1	Program
202. TBL252P1	Program

203. TBLS05P1	Program
204. TBLS13P1	Program
205. TRN000P1	Program
206. TRN001P1	Program
207. TRN002P1	Program
208. TRN004P1	Program
209. TRN005P1	Program
210. TRN006P1	Program
211. TRN010P1	Program
212. TRN011P1	Program
213. TRN012P1	Program
214. TRN013P1	Program
215. TRN014P2	Program
216. TRN015P1	Program
217. TRN016P1	Program
218. TRN017P1	Program
219. TRN018P1	Program
220. TRN021P1	Program
221. TRN021P2	Program
222. TRN025P1	Program
223. TRN026P1	Program
224. TRN029P1	Program
225. TRN031P1	Program
226. TRN038P1	Program
227. TRN039P1	Program
228. TRN040P1	Program
229. TRN041P1	Program
230. TRN042P1	Program
231. TRN043P1	Program
232. TRN046P1	Program
233. TRN052P1	Program
234. TRN060P2	Program
235. TRN062P1	Program
236. TRN062P6	Program
237. TRN062PD	Program
238. TRN062PF	Program
239. TRN062PG	Program
240. TRN063P1	Program
241. TRN065P1	Program
242. TRN080P1	Program
243. TRN081P1	Program
244. TRNADDP1	Program
245. TRNDELP1	Program
246. TRNIEXNA	Subprogram

247. TRNW26N1	Subprogram
248. TRNW29N1	Subprogram
249. TRNW31N1	Subprogram
250. UPTBL200	Program

Inventory

251. ACOMMON	Program
252. INV000P0	Program
253. INVCMDP1	Program
254. INVISDP1	Program
255. INVOPNP1	Program
256. INVPBCP1	Program
257. INVPBCP8	Program
258. INVPBCP9	Program
259. INVRSLP2	Program
260. INVSELP1	Program
261. INVSELP2	Program
262. INVSUBP1	Program
263. INVTRNP2	Program
264. NEXUSRNA	Subprogram
265. TRNI04P1	Program
266. TRNI06P1	Program
267. TRNI10P1	Program
268. TRNI11P1	Program
269. TRNI12P1	Program
270. TRNI13P1	Program
271. TRNI14P3	Program
272. TRNI18P1	Program
273. TRNI21P1	Program
274. TRNI26P1	Program
275. TRNI29P1	Program
276. TRNI32P1	Program
277. TRNI33P1	Program
278. TRNI34P1	Program
279. TRNI38P1	Program
280. TRNI39P1	Program
281. TRNI40P1	Program
282. TRNI41P1	Program
283. TRNI42P1	Program
284. TRNI43P1	Program
285. TRNI44P1	Program
286. TRNI45P1	Program

287. TRNI52P1	Program
288. TRNI57P1	Program
289. TRNI65P1	Program
290. TRNI80P1	Program
291. TRNI81P1	Program
292. TRNIADP1	Program
293. TRNIDL1P1	Program
294. TRNXFRN1	Subprogram

PCM

295. ACOMMON	Program
296. ADD1USER	Program
297. LST078P1	Program
298. LST090P1	Program
299. NAV100P1	Program
300. PCM000L8	Local
301. PCM000L9	Local
302. PCM000LC	Local
303. PCMMAP	Map
304. PRM830S1	Subroutine
305. RPTSELP1	Program
306. RPTSELP2	Program
307. RPTSTDP1	Program
308. RPTSUBP1	Program
309. SGN003P1	Program
310. SGN003P2	Program
311. TBL078H1	Helproutine
312. TBL090H1	Helproutine
313. TBLC69P1	Program
314. TBLC70H3	Helproutine
315. TBLS06H3	Helproutine
316. TBLS06P1	Program
317. TRNC26N1	Subprogram
318. TRNC26P1	Program
319. TRNC29P1	Program
320. TRNC30P1	Program
321. TRNC31P1	Program
322. TRNC38P1	Program
323. TRNC39P1	Program
324. TRNC40P1	Program
325. TRNC41P1	Program
326. TRNC42P1	Program
327. TRNC43P1	Program

328. TRNC44P1	Program
329. TRNC45P1	Program
330. TRNC50P1	Program
331. TRNC51P1	Program
332. TRNC52N1	Subprogram
333. TRNC52P1	Program
334. TRNC56P1	Program
335. TRNC57P1	Program
336. TRNC60P1	Program
337. TRNC60P2	Program
338. TRNC60P3	Program
339. TRNC64P1	Program
340. TRNC65M1	Map
341. TRNC65P1	Program
342. TRNC66P1	Program
343. TRNC67P1	Program
344. TRNC69P1	Program
345. TRNC70P1	Program
346. TRNC71P1	Program
347. TRNC72P1	Program
348. TRNC73P1	Program
349. TRNIEXNA	Subprogram
350. TRNUPDP1	Program
351. TRNUPDP6	Subprogram
352. TRNUPDP7	Subprogram
353. TRNUPDP8	Subprogram
354. TRNUPDS1	Subprogram
355. TRNXFRN1	Subprogram

Deleted Modules:

NEMS

1. ADH250P1	Program
2. ADH981P1	Program
3. ADH981P2	Program
4. ADH981P3	Program
5. ADH981P4	Program
6. ADH991P3	Program
7. ADH993P3	Program
8. ADH994P3	Program
9. ADH995P3	Program
10. BARCODEC	Program

11. CAPITAL	Program
12. DD1342R	Program
13. DLYTRNC	Program
14. EQUIPMT	Program
15. GLOBTRNC	Program
16. HISTORYC	Program
17. INVNTRYC	Program
18. INVSTATC	Program
19. MNTHTRNC	Program
20. MSC001P1	Program
21. MSC005P1	Program
22. MSC005P2	Program
23. MSC005P3	Program
24. MSC005P5	Program
25. MSD008P1	Program
26. MSD008P5	Program
27. MSD008P6	Program
28. MSD008P8	Program
29. MSD008P9	Program
30. MSD011P1	Program
31. MSD011P2	Program
32. MSDCLRP1	Program
33. MSU001P1	Program
34. MSX001P1	Program
35. NCUEQUIP	Program
36. NCUHIST	Program
37. NEIFM010	Program
38. NEIFM1PA	Program
39. NEIFM2MA	Map
40. NEIFM2NA	Subprogram
41. NELXFRPA	Program
42. NEMSLNUP	Program
43. NEU090PA	Program
44. NEU510PA	Program
45. NEUEQPPA	Program
46. NEUS14PA	Program
47. PCMAUTHC	Program
48. PCMPENDC	Program
49. PRM400P1	Program
50. PRM410P1	Program
51. PRM411P1	Program
52. REPORTSC	Program
53. RPT310P1	Program
54. RPT320P1	Program

55.RPT330P1	Program
56.RPT400P1	Program
57.RPT410P1	Program
58.RPT411P1	Program
59.RPT411P2	Program
60.RPT412P1	Program
61.RPT510P1	Program
62.RPT710P1	Program
63.RPT730P1	Program
64.RPT731P1	Program
65.RPT800P1	Program
66.RPT820P1	Program
67.RPT961P1	Program
68.RPT962P1	Program
69.RPT981P1	Program
70.RPT982P1	Program
71.RPT983P1	Program
72.RPT985P1	Program
73.RPT986P1	Program
74.TBLS03P1	Program
75.TRANSFRC	Program
76.TRN003P1	Program
77.TRN007P1	Program
78.TRN020P1	Program
79.TRN053P1	Program
80.TRN054P1	Program
81.TRN061P1	Program
82.TRN062P8	Program
83.TRN068P1	Program
84.TRN075P1	Program
85.TRN082P1	Program
86.TRN083P1	Program
87.TRN084P1	Program
88.UNLOADPA	Program
89.UPDCAPS	Program
90.UPLOADPA	Program
91.UPTBL045	Program
92.UPTBL200	Program
93.UPTBL252	Program
94.UPTBLS02	Program
95.UPTBLS03	Program
96.UPTBLS05	Program
97.UPTBLS07	Program
98.UPTBLS09	Program

99.UPTBS02W Program

Inventory

1. INVPBCP2	Program
2. INVPBCP5	Program
3. MNTIUIP1	Program
4. NEIFM2MA	Map
5. NEIFM2NA	Subprogram
6. TRNI20P1	Program
7. TRNI68P1	Program
8. TRNI75P1	Program
9. TRNI99P1	Program

PCM

1. EDTPAC	Map
2. MSJOC	Map
3. NEIFM2MA	Map
4. NEIFM2NA	Subprogram
5. NEIFM2NB	Subprogram
6. PRM210M2	Map
7. RPT830P1	Program
8. RPT831P1	Program
9. SGN004M1	Map
10. SGN004M2	Map
11. SGN004M5	Map
12. SGN004P1	Program
13. SGN004P5	Program
14. TABLES02	Program
15. TBLC69FX	Program
16. UPTBL621	Program

3.0 Pre-Predict Data Conversion

All NEMS core files should be made to exactly match the core PREDICT layout for release 5.1.2.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for Version 6.0.0. Details for changes in this release can be found under Section 4.1.3 Physical File Changes or by performing Predict reporting on the keyword NEMS-6.0.0.

Use SYSDICBE to load the PREDICT modifications from the dataset:
xxMOV.NEMS.PROD.R600.R0603.PRD.

The following NEMS DDMs should be generated after the PREDICT load is completed:

NEMS-CONTROL	186
NEMS-EQUIPMENT	188
NEMS-GLOBL-TRANS	189
NEMS-HISTORY	190
NEMS-PCM-PENDING	197
NEMS-REPORTS	194
NEMS-TABLE	195
NEMS-TRANSFER	196
NEMS-WEB-PENDING	147

The following NEMS files should be deleted from PREDICT:

NEMS-IFM-PROP-INT-FILE	146
NEMS-IFM-PROP-INT-TBL	145

The following Natural Security link should be added for the NEMSPCM library:

NEMS-TRANSFER	UPDATE
---------------	--------

The following Natural Security links should be removed for the NEMS, NEMSINV and NEMSPCM libraries:

NEMS-IFM-PROP-INT-FILE	UPDATE
NEMS-IFM-PROP-INT-TBL	UPDATE

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the Predict object modules for this release.

PREDICT Objects by Type:

Keyword	-	1
Standard/Help files	-	0
ADABAS Files and Views	-	9

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Add the following fields:

NEMS-WEB-PENDING		File # 147							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
1		PEND-INST-SUB	A	2.0		D		AV	N
1		PEND-INST-ACCT	A	2.0				AW	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=147
ADADBS FNDEF='01,AV,2,A,DE,NU'
ADADBS FNDEF='01,AW,2,A,NU'
/*
```

Add the following field:

NEMS-BAR-CODE		File # 186							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
1		CONTROL-INST-NO	A	4.0				AB	N

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=186
ADADBS FNDEF='01,AB,4,A,NU'
/*
```

Invert the following Subdescriptors:

NEMS-EQUIPMENT		File # 188							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SB	1	LEWIS-ORG	A	4.0		D		SD	N
SB	1	LEWIS-FS	A	2.0		D		SE	N
SB	1	LEWIS-POOL	A	1.0		D		SF	N
SB	1	LEWIS-TASK	A	7.0		D		SG	N
SB	1	LEWIS-RTOP	A	9.0		D		SH	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=188
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV SUBDE='SD=CY(1,4)'
ADAINV SUBDE='SE=CY(5,6)'
ADAINV SUBDE='SF=CY(7,7)'
ADAINV SUBDE='SG=CY(9,15)'
ADAINV SUBDE='SH=CY(16,24)'
/*
```

Add the following field:

NEMS-GLOBL-TRANS		File # 189							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
	1	GLOBL-INST-ACCT	A	2.0				AD	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=189
ADADBS FNDEF='01,AD,2,A,NU'
/*
```

Invert the following Superdescriptor:

NEMS-HISTORY		File # 190							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SP	1	INST-EQUIP-OUT-CODE	A	5.0		D		SB	

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=190
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV SUPDE='SB=A1(1,2),A2(1,2),CD(1,1)'
/*
```

Invert the following Subdescriptor:

```
NEMS-HISTORY                               File # 190
  Ty L Field ID                           F Length Occ D U DB S
  *- - - - -                               *- - - - -
  SB 1 LEWIS-HIST-REPORT                   A      6.0      D   SC N
```

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=190
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV SUBDE='SC=CY(65,70)'
/*
```

Add the following field:

```
NEMS-REPORTS                               File # 194
  Ty L Field ID                           F Length Occ D U DB S
  *- - - - -                               *- - - - -
    1 REPORT-INST-NO                       A      4.0      AB N
  RE 1 REPORT-INST-NO
    2 REPORT-INST-ACCT                     A      2.0
    2 REPORT-INST-SUB                     A      2.0
```

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=194
ADADBS FNDEF='01,AB,4,A,NU'
/*
```

Invert the following Superdescriptors:

```
NEMS-TABLE                               File # 195
```

Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SP	1	TBL-ID-INST-NO-KEY	A	17.0		D		SG	N
SP	1	TBL-ID-INST-BLDG-NAME	A	26.0		D		SH	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=195
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV SUPDE='SG=TA(1,3),UB(1,2),UC(1,2),TA(4,13)'
ADAINV SUPDE='SH=TA(1,6),FB(1,20)'
/*
```

Invert the following Subdescriptors:

NEMS-TABLE		File # 195	Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-		*-	-	-----	*-	-----	-----	*	*	--	*
SB	1				LEWIS-T-USER-NO	A	6.0		D		SI	
SB	1				LEWIS-T-MFG-CODE	A	5.0		D		SJ	

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=195
ADAINV TEMPSIZE=???,SORTSIZE=???
ADAINV SUBDE='SI=TA(6,11)'
ADAINV SUBDE='SJ=TA(4,8)'
/*
```

Invert the following field:

NEMS-TABLE		File # 195	Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-		*-	-	-----	*-	-----	-----	*	*	--	*
	1				T-CUST-NO	A	6.0		D		DB	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=195
ADAINV TEMPSIZE=???,SORTSIZE=???
```

ADAINV FIELD='DB'

/*

Delete and rebuild empty the following physical file:

```
NEMS-TRANSFER                               File # 196
  Ty L Field ID                               F Length Occ D U DB S      All
  *- - - - - *- - - - - *- - - - - *- * -- *
      1 ECN                                   A    7.0      D   AA
      1 INST-CONVEYOR                        A    4.0      D   AB
      1 INST-RECEIVER                        A    4.0      D   AC
      1 TRANS-NO                             A    3.0          AD N
      1 DATE-SHIPPED-OTHER-INST              N    8.0          AE N
RE 1 DATE-SHIPPED-OTHER-INST
      2 DATE-SHIPPED-OTHER-INST-F2           N    2.0
      2 DATE-SHIPPED-OTHER-INST-L6           N    6.0
      1 ITEM-NAME                           A   30.0          AF N
      1 HAZ-MATERIAL-CODE                   A    1.0          AG N
      1 DATE-ADDED-TO-TRANSFER               N    8.0          AH N
RE 1 DATE-ADDED-TO-TRANSFER
      2 DATE-ADDED-TO-TRANSFER-F2           N    2.0
      2 DATE-ADDED-TO-TRANSFER-L6           N    6.0
```

Add the following field:

```
NEMS-PCM-PENDING                           File # 197
  Ty L Field ID                               F Length Occ D U DB S
  *- - - - - *- - - - - *- - - - - *- * -- *
      1 PEND-INST-ACCT                       A    2.0          BZ N
```

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=197
ADADBS FNDEF='01,BZ,2,A,NU'
/*
```

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NEMS library using the NASA Batch Standard Parameters replacing the existing PS and LS with the following values: PS=23 and LS=80. It is not necessary to catalog the Global Data Area (GDA).

You should receive 38 NATURAL 0303 errors for modules that begin with RPT* that concern page overflow and 32 programs will produce NATURAL 0002 errors. There should be a total of 71 NATURAL errors.

A list of errors found above and dispositions of these results follows:

- To compile the NATURAL 0303 errors correctly, run another CATALL for the RPT* modules in the NEMS library using the NASA Batch Standard Parameters. You should receive 12 NATURAL 0002 errors. Ignore the 0002 errors because these objects are dynamic.
- The 32 NATURAL 0002 errors from the first CATALL are to be IGNORED because these objects are dynamic.

Run a batch job to catalog (CATALL) all modules in the NEMSINV library using the NASA Batch Standard Parameters. It is not necessary to catalog the Global Data Area (GDA). There should be no errors received.

Run an online catalog (CATALL) on module TRNI34P1 and TRNILOP3 to prevent problems with access to the second screen.

Run a batch job to catalog (CATALL) all modules in the NEMSPCM library using the NASA Batch Standard Parameters. It is not necessary to catalog the Global Data Area (GDA). There should be one NATURAL 0043 error received. See Section 9.0 Installation Checklist for instructions on how to correct these errors.

After all objects are compiled, the NEMS application will run under the NASA On-line Standard Parameters.

6.0 Post-Predict Data Conversion

- Load one center's data onto DB 109 (NACOMN) to start the conversion process.
- Run **REPINSNO** – Populate the Primary Installation Code in the REP-INST-NO for reports and maintenance. Put the INST-ACCT and INST-SUB in the STD, PCM, and ISD entries.
- Run **JCLCNTL** – Set the Installation Code into the CONTROL-INST-NO for records that are keyed as CONTROL or JCL. Set the Installation Code from the control sequence 1 – 4 for records that are STATCODE.
- Run **GLBINSNO** – Set the GLOBAL-INST-NO to the Center code.

- Run **INVINSNO** – Set the INV-INST-NO, STA-INST-ACCT, BAR-INST-ACCT codes to the Center code for Inventory files.
- Run **WEBPDINS** – Set the PEND-INST-ACCT to the INST-ACCT code on the WEB-PENDING.
- Run **TBLGEN** – Write a work file for the table files that need to be moved to the central data base.
- Run **PCMINSAC** – Set the PEND-ACCT-NO to the INST-ACCT on the PCM-PENDING.
- Run **NEUMFGP1** – Write a work file for the table file 040 (Manufacturer's Code).
- Run **TBLLOD** – Read work file created from TBLGEN to store records to the consolidated database.
- Run **NEUMFGP2** – Read work file created from NEUMFGP1 to store records to the consolidated database. List records that need to be updated manually.
- Run **NEUBASP1** – Unload the NEMS-TABLES for the core tables that will include NEMS SESAAS UserIDs for table S03 and S11 (one time only).
- Run **NEUBASP2** – Load the NEMS-TABLES for the core tables from the file created in NEUBASP1 (one time only).
- Copy files from DB109 (NACOMN) to the new environment.

7.0 Perform Release-Specific Procedures

8.0 Local JCL Mods

Refer to center Transition Plan / Agreement for JCL changes.

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.0 Copy Source
 - 2.1 Copy Source Code
 - 2.2 List of Source Code Modifications
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
 - 4.1 Data Dictionary Change
 - 4.1.1 Inventory of Objects
 - 4.1.2 Storage Considerations
 - 4.1.3 Physical File Changes
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods